Commercial Energy Code Compliance Paths

The commercial provisions of the 2018 International Energy Conservation Code (IECC) contain two main compliance paths, plus the option of using ASHRAE 90.1-2016 Energy Standard for Buildings Except Low-rise Residential Buildings (see reverse). Both the IECC and ASHRAE-90.1 contain mandatory requirements that every project must meet.

2018 IECC [CE]



ASHRAE 90.1-2016

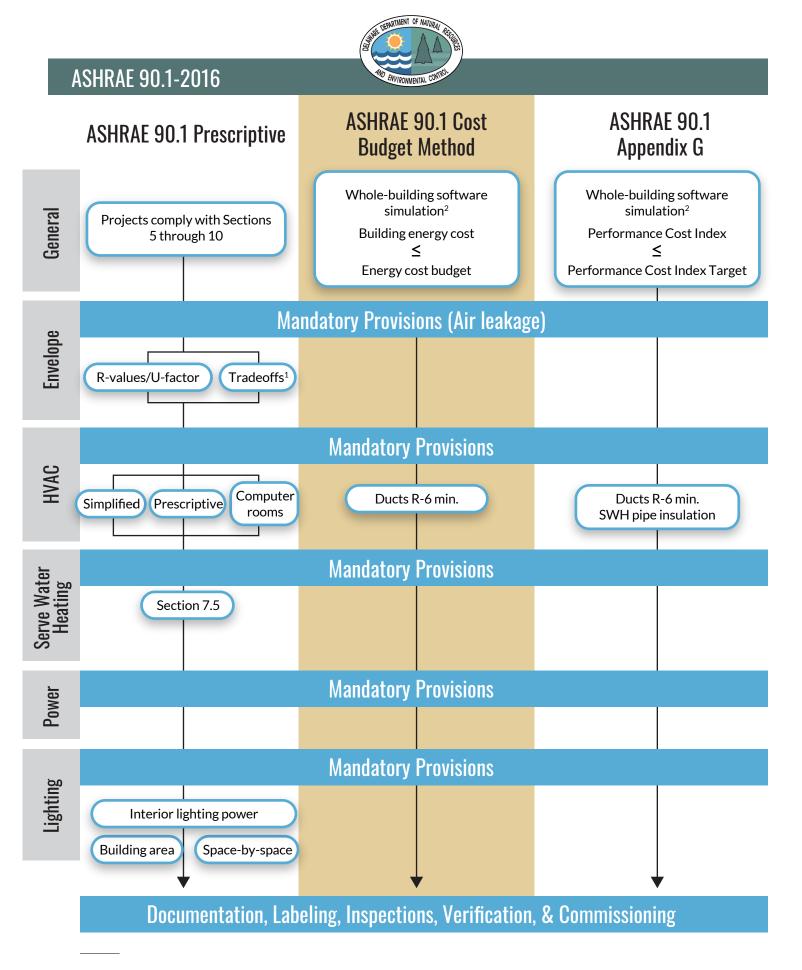
IECC Prescriptive IECC Performance Whole-building software simulation² General **Projects comply with Sections** Energy cost of proposed home R401 through R404 Energy cost of reference home **Mandatory Provisions (Air leakage)** Envelope Tradeoffs1 R-values **U-factors** Specific insulation requirements **Mandatory Provisions** Mechanical Systems **Economizers Mandatory Provisions** Serve Water Heating **Mandatory Provisions** & Lighting Interior lighting power Building area Space-by-space **Additional Efficiency Packages**

See Reverse

Maintenance Information and System Commissioning

^{1.} Envelope simulation in COM-check, EnergyPlus, DOE-2, etc.

^{2.} Using simulation programs such as, but not limited to, DOE-2, BLAST, or EnergyPlus



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